

mains has been adjacent to the Airport Road. Adjacent to N.C. 11, northeast, a 10" main has been extended for service to manufacturing, residential, and service areas. Water utilities map 1960-1971 reflects areas of water extension.

Most areas of the one mile fringe of Kinston and particularly in the southwest area of the one-mile fringe area of Kinston, are not in a proximity of receiving water services from the city system at this time. Private, individual wells are predominate along U.S. 258 south and N.C. 11-55 south of Kinston. These areas have the largest percentage of population of any area within the one-mile fringe area of Kinston.

The 1965 Kinston Ground Water Resources report by the Department of Water Resources, State of North Carolina, reflected that the seven wells in 1965 had a combined capacity of 4,774 gpm. Since then, three wells have been added to increase the combined capacity to approximately 7,500 gpm. In addition to the Kinston city wells, there are several other large production wells in the area. E. I. DuPont Company in northeast Lenoir County has approximately six wells with a total capacity of 6,000 gpm. Other commercial and industrial wells range from 100-500 gpm capacities.

The national average for water consumption is generally given as 140 gallons per capital per day. However, a large city with a substantial manufacturing base may consume an average of 235 gallons per capita per day. The national average is expected to rise from 140 gpcpd to 170 gpcpd by 1976.* By using the 140

*SOURCE: International City Managers Association.